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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br>MAY 19 2004<br>(use as many sheets as necessary) |                        | Application Number       | 09/954,449         |
|  |                        | Filing Date              | 09/17/2001         |
|  |                        | First Named Inventor     | Youqi Wang         |
|  |                        | Group Art Unit           | 2856               |
|  |                        | Examiner Name            | Unknown            |
| Sheet <input type="checkbox"/> of <input type="checkbox"/> 6   | Attorney Docket Number |                          | 1012-125(2001-023) |

| U.S. PATENT DOCUMENTS          |                       |                      |                                   |   |  |   |
|--------------------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
| Examiner Initials <sup>*</sup> | Cite No. <sup>1</sup> | U.S. Patent Document |                                   | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|                                |                       | Number               | Kind Code <sup>2</sup> (if known) |   |  |   |
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| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document |                     |                                      | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T <sup>6</sup> |
|                          |                       | Office <sup>3</sup>     | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known) |   |   |   |                |
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|                          |                       |                         | WO 01/79949         |                                      | Symyx Technologies, Inc.                        | 10/25/2001  |   |                |

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| Examiner Signature | Date Considered |
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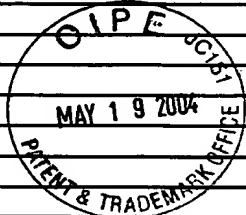
<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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| Application Number   |  |  |  | 09/954,449               |  |
| Filing Date  |  |  |  | 09/17/2001               |  |
| First Named Inventor   |  |  |  | Youqi Wang               |  |
| Group Art Unit   |  |  |  | 2856                     |  |
| Examiner Name  |  |  |  | Unknown                  |  |
| Attorney Docket Number   |  |  |  | 1012-125(2001-023)       |  |

| U.S. PATENT DOCUMENTS |                          |                      |                                      |  |  |   |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|---|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear  |
|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |   |
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| Examiner<br>Signature |  | Date<br>Considered |  |
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| Substitute for form 1449A/PTO<br><div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block; text-align: center;"> <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br/>           MAY 19 2004<br/> <i>(use as many sheets as necessary)</i> </div> |   | <b>Complete if Known</b> |                    |
|  |   | Application Number       | 09/954,449         |
|  |   | Filing Date              | 09/17/2001         |
|  |   | First Named Inventor     | Youqi Wang         |
|  |   | Group Art Unit           | 2856               |
|  |   | Examiner Name            | Unknown            |
|  |   | Attorney Docket Number   | 1012-125(2001-023) |
| Sheet  | 3 | of                       | 6                  |

| U.S. PATENT DOCUMENTS |                          |                      |                                      |  |  |  |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|--|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |
|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |  |
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| <b>Group Art Unit</b>         | 2856               |
| <b>Examiner Name</b>          | Unknown            |
| <b>Attorney Docket Number</b> | 1012-125(2001-023) |

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## U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant<br>Figures Appear |
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| <b>Examiner Name</b>          | Unknown            |
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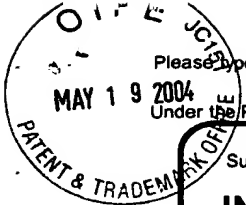
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 0

### Complete if Known

|                        |                    |
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| Examiner Name          | Unknown            |
| Attorney Docket Number | 1012-125(2001-023) |

### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

| Examiner<br>Initials <sup>2</sup> | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
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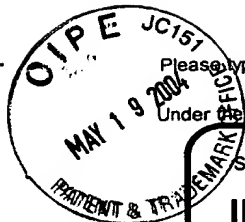
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Sheet 1 of 0

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|                        |                    |
|------------------------|--------------------|
| Application Number     | 09/954,449         |
| Filing Date            | 09/17/2001         |
| First Named Inventor   | Youqi Wang         |
| Group Art Unit         | 2856               |
| Examiner Name          | Unknown            |
| Attorney Docket Number | 1012-125(2001-023) |

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| Examiner<br>Initials <sup>*</sup> | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|-----------------------------------|--------------------------|---|----------------|
|                                   |                          | "DMA 2980 Dynamic Mechanical Analyer," <a href="http://www.tainst.com/dma2.html">http://www.tainst.com/dma2.html</a> , 12/29/00   |                |
|                                   |                          | "Introducing the NEW DMTA V!", <a href="http://www.rheometricscientific.com/dmtaV.htm">http://www.rheometricscientific.com/dmtaV.htm</a> , 12/29/00   |                |
|                                   |                          | "Standard Test Method for Rubber Property-Intrenational Hardness," American Society for Testing and Materials   |                |
|                                   |                          | AMITAY-SADOVSKY, ELLA and H. Daniel Wagner, "Evaluation of Young's Modulus of Polymers from Knoop Microindentation Tests" Polymer Communications, 1998, vol. 39, no. 11, pp. 2387-2390.   |                |
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|                                   |                          | BOWLT, C., "A Simple Capillary Viscometer" Physics Education, March 1975, vol. 10, no. 2, pp. 102-103   |                |
|                                   |                          | LACOMBE, ROBERT H. and Jeremy Greenblatt, "Mechanical Propoerties of Thin Polyimide Films" pp. 647-668  |                |
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|                                   |                          | WIERENGA, P.E. and A.J.J. Franken, "Ultramicroindentation Apparatus for the Mechanical Characterization of Thin Films" J. Appl. Phys., June 15, 1984, 55 (12).  |                |
|                                   |                          | European Search Report dated December 10, 2001  |                |

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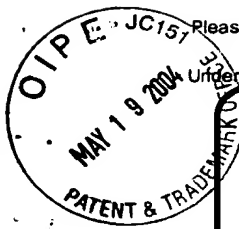
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|                                   |                          | U.S. Application Serial No. 09/420,334 entitled "Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 18, 1999   |                |
|                                   |                          | U.S. Patent Application Serial No. 09/305,830 titled "Synthesizing Combinatorial Libraries of Materials" (Rust, et al.) filed on May 5, 1999  |                |
|                                   |                          | U.S. Application Serial No. 09/550,549 entitled "Automated Process Control And Data Management System And Methods" (Crevier, et al.) filed on April 14, 2000  |                |
|                                   |                          | U.S. Application Serial No. 09/755,623 entitled "Laboratory Database System and Methods For Combinatorial Materials Research" (Dorsett, Jr., et al.) filed on January 5, 2001.  |                |
|                                   |                          | The family of applications for U.S. Application Serial No. 09/227,558 entitled, "Apparatus and Method of Research for Creating and Testing Novel Catalysts, Reactions and Polymers" (Turner et al.) filed January 8, 1999                                       |                |
|                                   |                          | U.S. Application Serial No. 09/235,368 entitled "Polymerization Method From the Combinatorial Synthesis and Analysis of Organometallic Compounds and Catalysts" (Weinberg et al.) filed on January 21, 1999   |                |
|                                   |                          | U.S. Provisional Application Serial No. 60/122,704 entitled "Controlled, Stable Free Radical Emulsion and Water-Based Polymerizations" (Klaerner et al.) filed on March 9, 1999   |                |
|                                   |                          | The family of applications for U.S. Application Serial No. 09/156,827 entitled "Formation of Combinatorial Arrays of Materials Using Solution-Based Methodologies" (Giaquinta et al.) filed September 18, 1998  |                |
|                                   |                          | The family of applications for U.S. Application Serial No. 09/567,598 entitled "Polymer Libraries on a Substrate, Method for Forming Polymer Libraries on a Substrate and Characterization Methods with Same" (Boussie et al.) filed May 10, 2000               |                |
|                                   |                          | U.S. Application Serial No. 09/579,338 entitled "Rheo-Optical Indexer and Method of Screening and Characterizing Arrays of Materials" (Carlson et al.) filed on May 25, 2000  |                |
|                                   |                          | The family of applications for U.S. Application Serial No. 09/580,024 entitled "Instrument for High Throughput Measurement of Material Physical Properties and Method of Using Same" filed on May 26, 2000  |                |

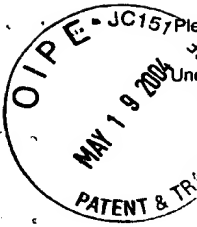
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|--------------------|-----------------------|---|----------------|
|                    |                       | U.S. Patent Application Serial No. 09/939,404 entitled "High Throughput Mechanical Property and Bulge Testing of Material Libraries," (D. Hajduk et al.) filed on August 24, 2001.  |                |
|                    |                       | U.S. Patent Application Serial No. 09/939,252 entitled "High Throughput Mechanical Rapid Serial Property Testing of Material Libraries," (P. Manksy) filed on August 24, 2001.  |                |
|                    |                       | U.S. Patent Application Serial No. 09/939,139 entitled "High Throughput Fabric Handle Screening," (M. Kossuth et al.) filed on August 24, 2001.   |                |
|                    |                       | U.S. Patent Application Serial No. 09/939,149 entitled "High Throughput Rheological Testing Of Materials" (Paul Manksy et al.) filed on August 24, 2001.  |                |
|                    |                       | U.S. Patent Application Serial No. 09/939,263 entitled "High Throughput Mechanical Property Testing of Materials Libraries Using Capacitance," (D. Hajduk et al.) filed on August 24, 2001.   |                |
|                    |                       | U.S. Patent Application Serial No. 09/938,994 entitled "High Throughput Mechanical Property Testing of Materials Libraries Using a Piezoelectric," (D. Hajduk) filed on August 24, 2001.  |                |
|                    |                       | The family of applications for U.S. Patent Application Serial No. 09/174,856 titled "Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 19, 1998.  |                |
|                    |                       | U.S. Application Serial No. 09/578,997 entitled "High Throughput Viscometer and Method of Using Same" filed May 25, 2000  |                |
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